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CMT 17. (twice amended) The process in accordance with claim 16 wherein the olefin(s) are ethylene in combination with one or more other alpha-olefin(s) [comonomer contains] having from 3 to 10 carbon atoms.

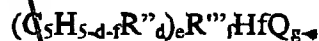
E3
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F 21. (five times amended) A continuous gas phase process for polymerizing [ethylene and one or more alpha-]olefin(s) excluding cyclic olefin(s) [comonomer] in a fluidized bed gas phase reactor in the presence of a catalyst system to produce a polymer product, the catalyst system comprising a ligand hafnium metallocene catalyst compound having at least one ligand substituted with at least one linear or iso alkyl group having from 3 to 10 carbon atoms, and the polymer product comprising less than 2 ppm hafnium.

E4 15 26. (twice amended) The process in accordance with claim 21 wherein the olefin(s) are ethylene and at least one [or more] alpha-olefin(s) [comonomer] having [contains] 3 to 8 carbon atoms.

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F 28. (five times amended) A continuous slurry phase process for polymerizing [ethylene and one or more alpha-]olefin(s) excluding cyclic olefins [comonomer] in the presence of a catalyst system to produce a polymer product in a liquid polymerization medium, the catalyst system comprising a hafnium metallocene catalyst compound having at least one ligand substituted with at least one linear or iso alkyl group having from 3 to 10 carbon atoms, and the polymer product comprising less than 2 ppm hafnium.

E6 20 31. (twice amended) The process in accordance with claim 28 wherein the olefins are ethylene and at least one [or more] alpha-olefin(s) [comonomer] having [contains] 3 to 8 carbon atoms.

Sub E7 32. (once amended) The process in accordance with claim 28 wherein the catalyst system is represented by the formula



wherein $(C_5H_{5-6}R'')$ is an unsubstituted or substituted cyclopentadienyl ligand bonded to Hf, wherein at least one $(C_5H_{5-6}R'')$ is substituted with at least one R'' which is [an alkyl substituent having 3 or more] a linear or iso alkyl group having from 3 to 10 carbon atoms, each additional R'' , which can be the same or different is hydrogen or a substituted or unsubstituted hydrocarbyl having from 1 to 30 carbon atoms or combinations thereof or two or more carbon atoms are joined together to form a part of a substituted or unsubstituted ring or ring system having 4 to 30 carbon atoms, R''' is one or more or a combination of the group consisting of carbon, germanium, silicon,

